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Publons / Web Of Science ResearcherID: AAR-4378-2020

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Education Information

Doctorate, Kocaeli University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2022 - Continues

Postgraduate, Dokuz Eylul University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2018 - 2022

Undergraduate, Dokuz Eylul University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2012 - 2018

Research Areas

Metallurgical and Materials Engineering

Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2019 - Continues

Academic and Administrative Experience

Adaptation/Exemption Committee Member, Kocaeli University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of Geometrical Characteristics of TiO₂ Nanotube Arrays on the Photocatalytic Degradation of Organic Pollutants**
Kartal U., Uzunbayir B., DOLUEL E. C., YURDDAŞKAL M., EROL M.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.33, no.9, pp.2848-2860, 2023
(SCI-Expanded)
- II. **Preparation and photocatalytic performances of ZnO nanostructures: Effects of anodization voltage and time**
Oksuz A. E., YURDDAŞKAL M., DOLUEL E. C., Kartal U., DİKİCİ T.

Surface and Interface Analysis, vol.55, no.3, pp.192-200, 2023 (SCI-Expanded)

III. Development of alpha-Fe₂O₃/TiO₂ 3D hierarchical nanostructured photocatalysts through electrochemical anodization and sol-gel methods

Uzunbayir B., Kartal U., Doluel E. C., Yurddaşkal M., Erol M.

JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.96, pp.441-451, 2020 (SCI-Expanded)

IV. Effect of Ag Content on Photocatalytic Activity of Ag@TiO₂/rGO Hybrid Photocatalysts

Doluel E. C., Kartal U., Dikici T., Yurddaşkal M.

JOURNAL OF ELECTRONIC MATERIALS, vol.49, pp.3849-3859, 2020 (SCI-Expanded)

V. Enhancement of piezoelectric energy-harvesting capacity of electrospun beta-PVDF nanogenerators by adding GO and rGO

Ongun M. Z., Oguzlar S., Doluel E. C., Kartal U., Yurddaskal M.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, pp.1960-1968, 2020 (SCI-Expanded)

VI. Graphene and carbon black filled conductive nanocomposite films for heating element applications

Yurddaskal M., Doluel E. C., Kartal U., Koksalar A., Celik E.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.29, pp.19005-19012, 2018 (SCI-Expanded)

Articles Published in Other Journals

I. Titanyum Dioksit/İndirgenmiş Grafen Oksit Kompozitlerin Üretimi ve Fotokatalitik Özelliklerinin İncelenmesi

Doluel E. C., Yurddaşkal M., Kartal U.

Journal of Polytechnic, vol.23, no.23, pp.249-255, 2020 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. ELEKTROFORETİK BİRİKTİRME YÖNTEMİYLE Ti₆Al₄V KÖPÜKLERİNİN HİDROKSİAPATİT İLE KAPLANMASI VE KAPLAMANIN KARAKTERİZASYONU

Sarı F., Doluel E. C., Telli M. B., Bakan H. İ.

International Marmara Sciences Congress IMASCON 2023 - Autumn, Kocaeli, Turkey, 15 - 16 December 2023, vol.1, pp.219-224

II. PRODUCTION OF MULTIFUNCTIONAL NEW GENERATION FABRICS WITH THE ABILITY TO REFLECT ULTRAVIOLET AND INFRARED RAYS BY PHYSICAL VAPOR DEPOSITION METHOD

DOLUEL E. C., YURDDAŞKAL M.

5th International Engineering and Natural Sciences Conference (IENSC 2020), 4 - 06 November 2020

III. SYNTHESIS OF GRAPHENE NANOLAYERS FROM GRAPHITE WITH MICROWAVEASSISTED LIQUID PHASE EXFOLIATION METHOD

DOLUEL E. C., YURDDAŞKAL M.

5th International Engineering and Natural Sciences Conference (IENSC 2020), Diyarbakır, Turkey, 4 - 06 November 2020

IV. Development of Visible Light Active Fe₂O₃/TiO₂Nanostructured Photocatalysts

DOLUEL E. C., YURDDAŞKAL M., EROL M.

8TH INTERNATIONAL CONFERENCEON ADVANCED TECHNOLOGIES, 26 - 30 August 2019

V. Comparison of Exfoliated Graphene Synthesized by Mechanical and Sonic Methods

DOLUEL E. C., YURDDAŞKAL M.

2nd International StudentsScience Congress, 4 - 05 May 2018

VI. Synergic effect of graphene flake on the heat releasing properties of carbon based polymer composites

DOLUEL E. C., YURDDAŞKAL M.

The International Conference on Materials Science,Mechanical and Automotive Engineerings and Technology,

İzmir, Turkey, 10 - 12 April 2018

VII. **Production and development of graphene and carbon black filled conductive nanocomposites**

DOLUEL E. C., YURDDAŞKAL M.

The International Conference on Materials Science Mechanical and Automation Engineering and Technology, 10 - 12 April 2018

Metrics

Publication: 14

Citation (WoS): 62

Citation (Scopus): 70

H-Index (WoS): 3

H-Index (Scopus): 4